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- 4) (Original) The method as claimed in claim 1, wherein the low molecular weight organic cation is a substituted ammonium, phosphonium, thionium or triphenylcarbonium ion or a cationic metal complex.
- 5) (Previously Amended) The method as claimed in claim 4, wherein the ammonium ion has one of the formulae (a) (j)

$$R^{13}$$
 \longrightarrow X \longrightarrow R^{15} \longrightarrow $R^{17} - N - X - N - R^{16}$ \longrightarrow X \longrightarrow

$$R^{1} \bigoplus_{C = N} R^{3}$$

$$R^{2} \qquad R^{4} \qquad R^{2}$$

$$(f) \qquad (g)$$

CLARIANT CORF

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$$R^{1} \bigoplus_{N = C - Y - C = N \atop R^{2}} R^{3}$$

$$R^{2} \qquad R^{5} \qquad R^{6}$$

$$(h)$$

$$R^{60} - Z - R^{61} - N^{+} - R^{64} - A_{1}^{\bigcirc}$$
 $R^{73} - R^{74}$
 $R^{72} - A_{3}^{\bigcirc}$
(i)
 $R^{60} - R^{70}$
(j)

in which

R¹ to R¹8 are identical or different and represent hydrogen, CN, (CH₂)₁₋₁₈CN, halogen, branched or unbranched C_1 - C_{32} -alkyl, mono- or polyunsaturated C_2 - C_{32} -alkenyl, C_1 - C_{22} -alkoxy, C_1 - C_{22} -hydroxyalkyl, C_1 - C_{22} -halogenoalkyl, C_2 - C_{22} -halogenoalkenyl, C_1 - C_{22} -aminoalkyl, (C_1 - C_1 -)-trialkyl-ammonium-(C_1 - C_2 -)-alkylene-(C_1 - C_2 -)-alkylene-O(C_1 - C_3 -)-alkylene-O(C_1 - C_3 -)-alkylene-O(C_1 - C_3 -)-alkylene-NHCO-aryl, wherein

$$-$$
 O-(CH₂)₁₋₁₂ or $-$ NH-(CH₂)₁₋₁₂ $-$ 1-20

are optionally inserted into the acid ester or acid amlde bonds; $[(C_1\text{-}C_{12})\text{-alkylene-O-}]_{1\text{-}100}\text{-}H; \text{ aryl, } (C_1\text{-}C_{18})\text{-alkylenearyl; -}(O\text{-}SiR'_2)_{1\text{-}32}\text{-}O\text{-}SiR'_3, \text{ in which } R' \text{ has the meaning } C_1\text{-}C_{12}\text{-alkyl, phenyl, benzyl or } C_1\text{-}C_{12}\text{-alkoxy; heterocyclyl, } C_1\text{-}C_{18}\text{-alkylene-heterocyclyl, wherein the aryl and heterocyclyl radicals are optionally mono- or polysubstituted on carbon atoms or heteroatoms by $C_1\text{-}C_{12}\text{-alkyl, } C_1\text{-}C_4\text{-alkylimino, } alkenyl, $C_1\text{-}C_4\text{-alkoxy, hydroxy-}(C_1\text{-}C_4)\text{alkyl, amino-}(C_1\text{-}C_4)\text{alkyl, } C_1\text{-}C_4\text{-alkylimino, } alkenyl, $C_1\text{-}C_4\text{-alkylimino, } alkenyl, $C_1\text{-}C_4\text{-alk$

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carboxyl, hydroxyl, amino, nitro, cyano, halogen, C_1 - C_{12} -acyl, C_1 - C_4 -halogenoalkyl, C_1 - C_4 -alkylcarbonyl, C_1 - C_4 -alkylcarbonyloxy, C_1 - C_4 -alkoxycarbonyl, C_1 - C_4 -alkylcarbonylimino, C_6 - C_{10} -arylcarbonyl, aminocarbonyl, aminocarbonyl, C_1 - C_4 -alkylaminosulfonyl, phenyl, naphthyl, or heteroaryl[,];

 $R^{19} \ \ \text{represents C}_4\text{-C}_{11}\text{-alkylene, -(C}_2\text{H}_4\text{-O}\text{-})_{1\text{-}17}\text{-(CH}_2)_{1\text{-}2}\text{-, -(C}_2\text{H}_4\text{-NR}\text{-})_{1\text{-}17}\text{-(CH}_2)_{1\text{-}2}\text{-, in}}$ which R is hydrogen or C $_1\text{-C}_{12}\text{-alkyl}$; X has the meaning of Y or -CO-CH $_2$ -CO-,

$$-C - CH_2 - C - H_2 - C - CH_2 - C - H_2 - C - CH_2 - C - H_2 -$$

Y has the meaning -C-, -C-, -C-, -(CH₂)₁₋₁₈-,
|| || ||
O S NH

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or o-, p-, m-(C_6 - C_{14})-arylene or (C_4 - C_{14})-heteroarylene with 1, 2, 3 or 4 heteroatoms selected from the group consisting of N, O, S and a combination thereof;

 R^{60} represents C_1 - C_{32} -acyl, C_1 - C_{22} -alkyl, C_2 - C_{22} -alkenyl, C_1 - C_{18} -alkylene- C_6 - C_{10} -aryl, C_1 - C_{22} -alkylene-heterocyclyl, C_6 - C_{10} -aryl or (C_4 - C_{14})-heteroaryl with 1, 2, 3 or 4 heteroatoms selected from the group consisting of N, O, S, and a combination thereof;

 R^{81} and R^{64} represent -(CHz)₁₋₁₈-, C₁-C₁₂-alkylene-C₆-C₁₀-arylene, C₆-C₁₀-arylene, C₀-C₁₂-alkylene-heterocyclyl;

Z represents -NH- or -O-;

A₁ and A₃ represent -COO, -SO₃, -OSO₃, -SO₂, -COS or -CS₂;

A₂ represents -SO₂Na, -SO₃Na, -SO₂H, -SO₃H or hydrogen;

 R^{59} and R^{70} independently of one another represent hydrogen, C_1 - C_{32} -alkyl, in which the alkyl chain optionally contain one or more of the groups -NH-CO-, -CO-NH-, -CO-O- or -O-CO-; C_1 - C_{18} -alkylene-aryl, C_0 - C_{18} -alkylene-heterocyclyl, C_1 - C_{18} -hydroxyalkyl, C_1 - C_{18} -halogenoalkyl, aryl, -(CH₂)₃-SO₃,

 R^{71} and R^{72} represent -(CH₂)₁₋₁₂-; and

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R⁷³ and R⁷⁴ represent hydrogen or C₁-C₂₂-alkyl.

6) (Original) The method as claimed in claim 5, wherein R¹ to R¹8 denote hydrogen CN, CH₂-CN, CF₃, C₁-C₂₂-alkyl, C₂-C₁8-alkenyl, C₁-C₁8-alkoxy, C₁-C₁8-hydroxy-alkyl, C₁-C₁8-halogenoalkyl, C₂-C₁8-halogenoalkenyl, C₁-C₁8-aminoalkyl, (C₁-C₃)-trialkylammonium-(C₁-C₁8)-alkyl, (C₁-C₁8)-alkylene-O(C=O)-(C₁-C₂₂)alkyl, (C₁-C₁8)-alkylene-O(C=O)-phenyl, (C₁-C₁8)-alkylene-NHCO-(C₁-C₂₂)alkyl, (C₁-C₁8)-alkylene-NHCO-phenyl, (C₁-C₁8)-alkylene-(C=O)O-(C₁-C₂₂)alkyl, (C₁-C₁8)-alkylene-(C=O)O-phenyl, (C₁-C₁8)-alkylene-(C=O)NH-(C₁-C₂₂)alkyl, (C₁-C₁8)-alkylene-CONH-phenyl, benzyl, phenyl, naphthyl, C₁-C₁₂-alkylene-heterocyclyl; R¹9 denotes C₄-C₅-alkylene, -(C₂H₄-O)₁-9-(CH₂)₁-2- or -(C₂H₄-NH)₁-9-(CH₂)₁-2-; R⁶D denotes C₁-C₁8-acyl, C₁-C₁8-alkyl, C₂-C₁8-alkenyl, C₁-C₁₂-alkylene-phenyl, C₁-C₁8-alkylene-pyridyl, phenyl or pyridyl; R⁶¹ and R⁶⁴ denote -(CH₂)₁-1₂-, C₁-C8-alkylene-phenylene, phenylene or C₁-C8-alkylenepyridylene or piperidylene; R⊓¹ and R⊓² denote -(CH₂)₁-8 and R¬³ and R¬³ denote hydrogen or (C₁-C₁8)-alkyl.

- 7) (Previously Amended) The method as claimed in claim 4, wherein the ammonium ion is an aliphatic or aromatic 5- to 12-membered heterocyclic radical with 1 to 4 atoms selected from the group consisting of N, O and S, or a combination thereof, belonging to the rings.
- 8) (Original) The method as claimed in claim 7, wherein the heterocyclic radical is pyridinium, pyridazinium, pyrimidinium, pyrazinium, purinium, tetraazaporphyrinium, piperidinium, morpholinium, tetrazonium, triaza-cyclononanium or tetraazacyclododecanium.

- 9) (Original) The method as claimed in claim 4, wherein the cationic metal complex is a metal carboxylate, metal salicylate, metal sulfonate, 1:1 metal-azo complex or a metal dithiocarbamate.
- 10) (Previously Amended) The method as claimed in claim 9, wherein the metal is selected from the group consisting of Al, Mg, Ca, Sr, Ba, TiO, VO, Cr, V, Ti, Zr, Sc, Mn, Fe, Co, Ni, Cu, Zn and ZrO.
- 11) (Original) The method as claimed in claim 1, wherein the organic cation is a fluorinated ammonium ion of the formula (x)

$$R^{28} - CF = CH - CH_2 - N - R^{30}$$

$$R^{31}$$
(x)

in which

 R^{28} denotes perfluorinated alkyl having 5 to 11 carbon atoms and R^{29} , R^{30} and R^{31} are identical or different and denote alkyl having 1 to 5 carbon atoms.

12) (Original) Salt-like structured silicate, in which the silicate is hectorite, beldellite, illite, muscovite, xantophyllite, margarite, sepiolite, saponite, mica, feldspar, nontronite, montmorlilonite, smectite, bentonite, faujasite, zeolite A, X or Y, permutite, sasil or a combination thereof; and the cation is an ion of the formula (x) as claimed in claim 9.

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13) (Original)A process for the preparation of a salt-like structured silicate as claimed in claim 12, which comprises combining the silicate and a salt of the cation of formula (x) in an aqueous medium.

- 14) (Previously Amended) An electrophotographic toner comprising 30 to 99.99% by weight of a binder, and 0.01 to 50% by weight, of at least one salt of ionic structured silicates in which the cation is a low molecular weight organic cation and the anion is an island, cyclic, group, chain, ribbon, laminar or matrix silicate or a combination thereof, based on the total weight of the electrophotographic toner.
- 15) (Previously Amended) An electrophotographic toner as claimed in claim 14, comprising 40 to 99.5% by weight of a binder, and 0.05 to 20% by weight of at least one salt of ionic structured silicates in which the cation is a low molecular weight organic cation and the anion is an island, cyclic, group, chain, ribbon, laminar or matrix silicate or a combination thereof, based on the total weight of the electrophotographic toner.
- 16. (Previously Added) The method of claim 4, wherein the ammonium ion is an aliphatic or aromatic 5- to 12-membered heterocyclic radical with 1 to 4 atoms selected from the group consisting of N, O and S, or a combination thereof, belonging to the rings, wherein 2 to 8 rings are fused.
- 17. (Previously Added) The method as claimed in claim 9, wherein the metal is selected from the group consisting of Al, Mg, Ca, Sr, Ba; TiO, VO, Cr, V, Ti, Zr, Sc, Mn, Fe, Co, Ni, Cu, Zn and ZrO, and the metal complex contains one or more further ligands.



18. (Currently Amended) A method of imparting, controlling or improving the charge of an electrophotographic toner or developer, of a powder coating, or of an electret material, comprising the steps of adding a salt structured silicate in which the cation

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is NH4+, H3O+, an alkali-metal, alkaline earth metal, earth metal or transition metal ion or a low molecular weight organic cation or a combination thereof and the anion is an island, cyclic, group, chain, ribbon, laminar or matrix silicate or a combination thereof to a binder of an electrophotographic toner or developer or of a powder coating, or to an electret material.

- 19. (Previously Amended) An electrophotographic toner or developer comprising distearyldimethyl ammonium bentonite.
- 20. (Previously Added) The electrophotographic toner as claimed in claim 14, further comprising 0.001 to 50% by weight, of a coloring agent, based on the total weight of the electrophotographic toner.
- 21. (Previously Amended) A composition comprising 30 to 99.99% by weight of a binder, and 0.01 to 50% by weight, of at least one salt of ionic structured silicates in which the cation is a low molecular weight organic cation and the anion is an island, cyclic, group, chain, ribbon, laminar or matrix silicate or a combination thereof, based on the total weight of the composition, wherein the composition is an electrophotographic toner.
- 22. (Previously Added) A method of imparting, controlling or improving the charge of an electrophotographic toner or developer, or an electret material comprising the step of adding a distearyldimethyl ammonium bentonite to a binder of an electrophotographic toner or developer or of a powder coating or of an electret material.